

EKOPANELY BOARD E40/800

TECHNICAL SPECIFICATION

Description

- Construction straw board without surface finish

Applications

- exterior wall cladding on the inside without fire resistance requirements
- partitions, floors
- ceiling, slanted walls, loft conversions
- interior cladding of an existing wall on timber studwork



Technical information and parameters

| DESCRIPTION | VALUE | UNIT | NORMS |
|---|----------------------|-------------------|---|
| dimensions: thickness | 38 (tolerance +2 mm) | mm | |
| width | 800 | mm | |
| length | 1200 – 3200 | mm | |
| Average basis weight | 17 | kg/m ² | |
| Average density | 379 | kg/m ³ | |
| Thermal conductivity λ | 0,099 | W/(m.K) | ČSN EN 13986, EN 12664, EN 10456 |
| Water vapour resistance factor μ | 9,7 | | ČSN EN 13986, EN ISO 12572 B (23 °C, 0/85 % relativní vlhkosti) |
| Fire response category | E | | ČSN EN 13986, EN 13501-1 |
| Determination of volatile organic compounds (VOC) | A+ | | ČSN EN 13986, EN ISO 16000-10 |

Advantages

- heat accumulation
- acoustic absorption
- high mechanical resistance
- vapour permeable
- insulation properties
- natural climate inside the building
- harmless to health
- recyclable
- thermal stability
- energy savings
- fire resistance
- custom size boards
- 100% ecological product

Storage

- indoor dry place (short term under waterproof cover)
- horizontally stable area (pallet)
- spacers laid across the long side min. 3 - 4 places (approx. 800 mm)
- max. 30 pcs laid flat then spacers used (alternatively pallet)
- max. storage height is 3x30 pcs
- laying of panels "zig zag"

Package

- Single sheet
- max. 30 pcs of Ekopanely boards flat, then spacers
- can be arranged: stretch wrapping, paking tape

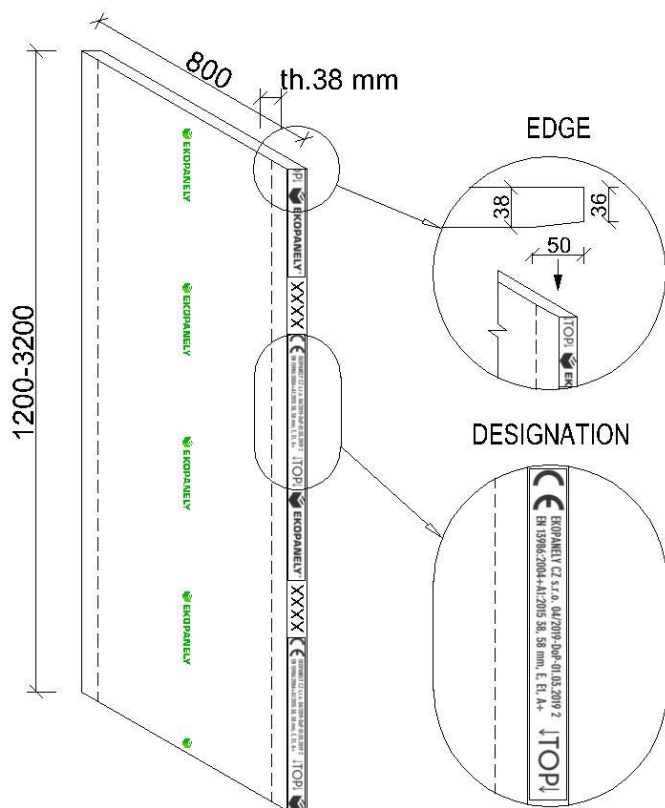
Labeling

- CE certification
- ↓TOP↓= the interior visible side + EKOPANELY logo in middle of the TOP side
- number XXXX = length

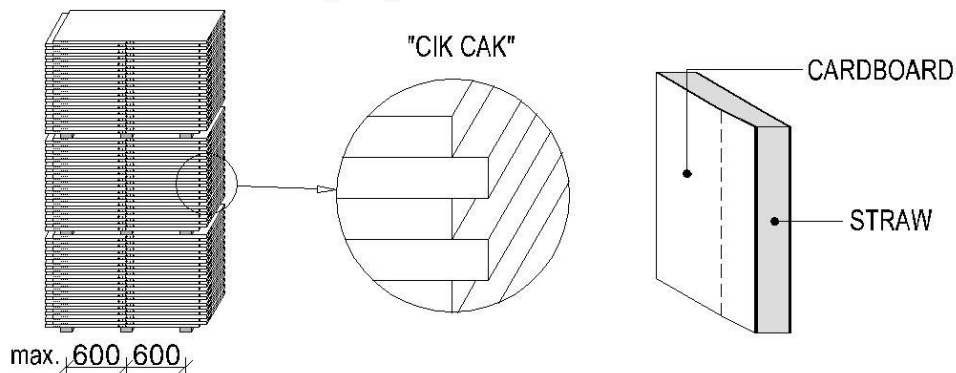
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TECHNICAL SPECIFICATION

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STORAGE max. 3x PALETTS (30 ks)



max. 600,600

CE

1023

EKOPANELY CZ s.r.o.

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04/2019-DOP-2019/03/01

EN 13986:2004+A1:2015

EKOPANELY BOARD E40

Particleboard (straw board) without surface treatment for permanent installation in buildings for non-load bearing purposes in these class 1 according to EN 335(dry condition).

| | |
|--|-----------------------|
| Dimensions: | |
| Thickness (tolerance +2 mm) | 38 mm |
| Width | 800 mm |
| Length | 1200–3200 mm |
| Weight | 379 kg/m ³ |
| Reaction to fire | E |
| Thermal conductivity λ | 0,099 W/m.K |
| Water vapor permeability μ | 9,7 |
| Emisní třída (TVOC) | A+ |
| Durability | Class 1 |
| Emission of formaldehyde | E1 |

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 **EKOPANELY**[®]